

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">ATTY DOCKET NO. 1190-465P</td> <td style="width:50%;">APPLICATION NO. New</td> </tr> <tr> <td colspan="2">APPLICANT SUGIURA, Hiroaki et al</td> </tr> <tr> <td>FILING DATE October 13, 2000</td> <td>GROUP Unknown</td> </tr> </table>	ATTY DOCKET NO. 1190-465P	APPLICATION NO. New	APPLICANT SUGIURA, Hiroaki et al		FILING DATE October 13, 2000	GROUP Unknown
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APPLICANT SUGIURA, Hiroaki et al							
FILING DATE October 13, 2000	GROUP Unknown						

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

J0922 U.S. PTO  
 09/689645  
 10/13/00

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
TJS	B26 3 3 9 1 8 8	1988-08-03	JAPAN			x-partial	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER						

EXAMINER <i>TJS</i>	DATE CONSIDERED <i>6/3/04</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

ATTY DOCKET NO.  
1190-0465PAPPLICATION NO.  
09/689,645INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT  
SUGIURA, Hiroaki et alFILING DATE  
October 13, 2000GROUP  
2622RECEIVED  
DEC 18 2002

## U.S. PATENT DOCUMENTS

Technology Center 2600

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
TJS	US 4,740,833	B1	1988-04-26	Shiota et al.			
TJS	US 4,989,079	B1	1991-01-29	Ito			
TJS	US 5,436,733	B1	1995-07-25	Terada et al.			
TJS	US 5,933,252	B1	1999-08-03	Emori et al.			
TJS	US 5,659,406	B1	1997-08-19	Imao et al.			
TJS	US 6,434,268	B1	2002-08-13	Asamura et al.			
	US						
	US						
	US						
	US						

## FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
TJS	EP	1028586	A	2000-08-16	EP				
TJS	JP	7-023245		1995-01-24	JP			Abs	
TJS	JP	11-17974		1999-01-22	JP			Abs	
TJS	JP	8-321964		1996-12-03	JP			Abs	
TJS	JP	5-183742		1993-07-23	JP			Abs	

## OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.


EXAMINER

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1190-0465P

MKM/MEO/kmr

APPLICATION NO.  
09/689,645

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT  
SUGIURA, Hiroaki et al

FILED DATE  
October 13, 2000

GROUP	2721
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)


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